PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Amended) An identification system comprising:

a modem communicating with a telephonic network;

a dialog processing device communicating with said telephonic network; ~~and~~

a controller communicating with said modem and said dialog processing device to identify a terminating connection of said telephonic network; and

software that programs the system to:

receive a plurality of telephone numbers relating to terminating connections;

use the modem to attempt to establish an analog modem connection to a terminating connection;

classify the terminating connection as an analog modem if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate greater than about 1000 bits/sec;

classify the terminating connection as a facsimile machine if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate less than about 1000 bits/sec;

use the dialog processing device to monitor the terminating connection during operation of the modem;

classify the terminating connection as an ISDN modem if the dialog processing device detects an ISDN modem at the terminating connection;

classify the terminating connection as a voice connection if the dialog processing device detects a voice connection; and

record an entry relating to the classification in a database.

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2-10 (Cancelled)

11.   (Amended)   A method of classifying a terminating connection comprising the steps of:

~~(1)   initiating communication with a terminating connection;~~

~~(2)   identifying communication with the terminating connection;~~

~~(3)   classifying a type of the terminating connection; and~~

~~(4)   recording the type~~

receiving a plurality of telephone numbers relating to terminating connections;

attempting to establish an analog modem connection to the terminating connection using a modem;

classifying the terminating connection as an analog modem if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate greater than about 1000 bits/sec;

classifying the terminating connection as a facsimile machine if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate less than about 1000 bits/sec;

monitoring the terminating connection during operation of the modem using a dialog processing device;

classifying the terminating connection as an ISDN modem if the dialog processing device detects an ISDN modem at the terminating connection;

classifying the terminating connection as a voice connection if the dialog processing device detects a voice connection; and

recording an entry relating to the classification in a database.

12-25 (Cancelled)